

### ABSTRACT OF THE DISCLOSURE

A wood support piling is reinforced by a composite wrapping. The composite wrapping is formed on the wood piling by a filament winding process. Filament strands are  
5 impregnated with resin and wrapped around the wood piling under tension. The resin is allowed to cure to form a seamless layer which is uniform in thickness and materials. The composite wrapping is bonded to the wood piling and applies a compressive force on the wood piling to improve its  
10 strength characteristics. The composite wrapping may be applied to a portion of the wood piling where reinforcement is needed so that the piling can be manufactured economically. The composite wrapping protects the piling against deterioration and reduces the need for chemical preservatives  
15 which are harmful to the environment.

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